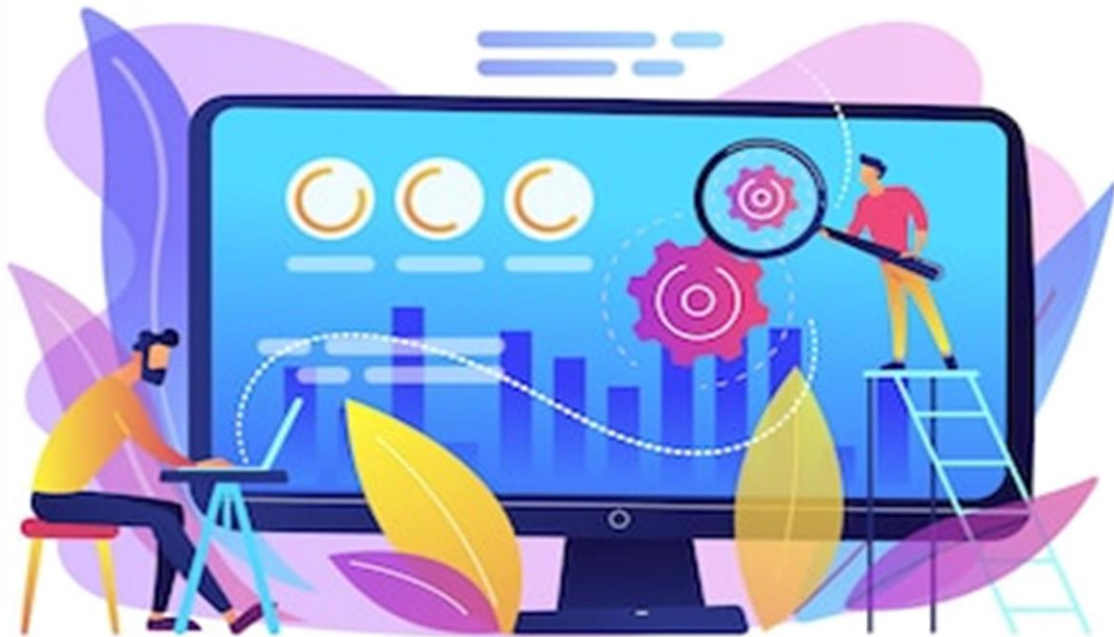# Curriculum mapbook
ICT

4th.Prim – First Term 2023 – 2024

the computer preparation bookvision

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally andthus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in a appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students.

the computer preparation book mission

- Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.

- Creating an environment that stimulates learning and creativity to raise the level of students in computer science.

- Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them

- Choosing scientific methods and means in teaching and using technology to support and enhanceAnd facilitating the educational process.

- Use a presentation to explain the lesson, simplified and omprehensive, for all points of the lesson

- Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals

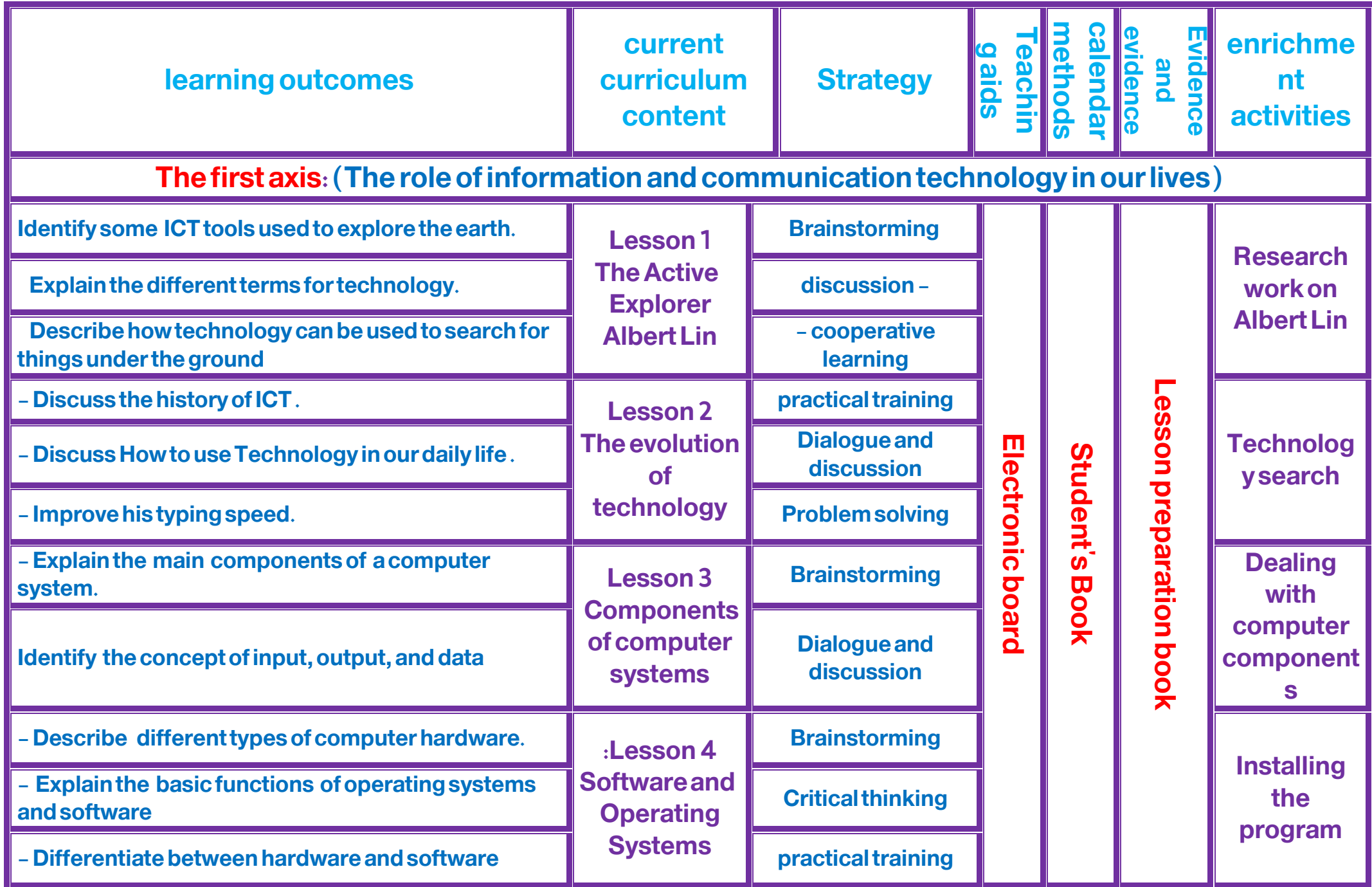- Conclude the lesson in an appropriate and varied manner

Teacher	Guider	School manager
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learning outcomes	current curriculum content	Strategy	Teaching aids	calendar methods	Evidence and evidence	enrichment activities
The first axis: (The role of information and communication technology in our lives)						
Identify some ICT tools used to explore the earth.	Lesson 1 The Active Explorer Albert Lin	**Brainstorming**	Electronic board	Student's Book	Lesson preparation book	**Research work on Albert Lin**
Explain the different terms for technology.		**discussion –**				
Describe how technology can be used to search for things under the ground		**– cooperative learning**				
– Discuss the history of ICT .	Lesson 2 The evolution of technology	**practical training**				**Technology search**
– Discuss How to use Technology in our daily life .		**Dialogue and discussion**				
– Improve his typing speed.		**Problem solving**				
– Explain the main components of a computer system.	Lesson 3 Components of computer systems	**Brainstorming**				**Dealing with computer components**
Identify the concept of input, output, and data		**Dialogue and discussion**				
– Describe different types of computer hardware.	Lesson 4: Software and Operating Systems	**Brainstorming**				**Installing the program**
– Explain the basic functions of operating systems and software		**Critical thinking**				
– Differentiate between hardware and software		**practical training**				

Objectives	Lesson	Teaching method				Activity
– Realize the importance of the operating system of a computer	**Lesson 5 Supporting people of determination**	Dialogue and discussion				**Looking for support for people of determination**
– Explain the definition of assistive technology		practical training				
– Discusse how technology is improving the lives of people of determination		Problem solving				
– Suggest a technology that can contribute to improving the lives of others	**Lesson 6 Common Problems and Solutions**	cooperative learning				
– Discusse the problems he has experienced at school or at home .		Dialogue and discussion				
– Discusse how people experience problems with technology .		practical training				**Do a search for any common problem and solutions.**
– Suggest solutions to common ICT problems .	**Lesson 7 Common Problems and Solutions**	Brainstorming				
– Define the digital tools that can be Use to organize data .		Dialogue and discussion				
Present information about an students issue by collecting, analyzing, and graphics graphing data..		Critical thinking				
– Discuss with his classmates Common problems for students	**Lesson 8 Preparing reports for research findings**	Brainstorming				**Research work preparing reports**
– Discusse different ways of communicate electronically .		Dialogue and discussion				
technology to different types of Explains how to use communicate with others .		practical training				
– Identifie some of the technology tools used in earth exploration	**General Review on First Axis**	Brainstorming				
technology to use different tools Explain how to communicate with others		Dialogue and discussion				
Practicing some skills in dealing with computer and internet problems		cooperative learning				

Vertical red column: **Student's Book**

Vertical red column: **Students note**

Vertical purple column: **that the student did with his classmates**

Vertical purple column: **Editorial business brochures**

The second axis: (Digital safety and security precautions)

Objectives	Lesson	Method	Presentation	Interact wi presentation	Oral questions	Assessment
– talk about the importance of the Internet.	Lesson 1 Active Explorer (Anika Olah)	Brainstorming	Presentation	Interact wi presentation	Oral questions	Do a search for. (Anika Olah)
– Describe how technology is used To communicate with others		Dialogue and discussion				
– Explain why technological solutions must match people's lives		Problem solving				
– Describe online risks and dangers.	Lesson 2 Online dangers and how to be safe	Practical Training				Internet – protection system
– Explain the importance of keeping personal information privacy .		Dialogue and discussion				
– Discusse ways to be safe while online.		Problem solving				
– Discusse communicating positive messages online.	Lesson 3 Using ICT tools in a healthy and ethical way	Brainstorming				Research – positives the of technology
– Explain what it means to use ICT tools ethically.		Dialogue and discussion				
tools of ICT effects Explain the positive and negative .		Peer learning				
– Explain how to use browsers to search safely and correctly.	Lesson 4 How to search online	Brainstorming				
– Discuss the method of choosing words key to be used in the research Online		Critical thinking				
– Realize the importance of search engines for children		practical training				Doing a search for the electronic search
sources reliable online Define the characteristics of sources .	Lesson 5 How to check whether information online is true	Dialogue and discussion				
– Describ reliable sources of information and unreliable online .		practical training				
– Explain the purpose of Egyptian knowledge bank.		Problem solving				

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Teacher		Guider		School manager
– Explain common online problems.	**Peer learning**	**Lesson 6** **Who can help you with online problems**		**Find information from the Internet**
.who can help him with online problems Determine	**Dialogue and discussion**			
– Describe the role of control management Internet crimes	**practical training**			
.strong password Realize importance of creating	**Brainstorming**	**Lesson 7** **Who can help you with online problems**	the text book / calendar solution / materialactivities / Student's Book	**for Search practical words about the Internet**
– Discusse The importance of good anti–viruses software .	**Dialogue and discussion**			
– Explain Ways to protect devices from Potential dangers online.	**Critical thinking**			
– Discusse topics that he would like to research on with his colleagues	**Brainstorming**	**Lesson 8** **Practicing what you learned**		
Identify an important topic to raise awareness.	**Dialogue and discussion**			
– Choose a suitable presentation tool.	**practical training**			**Do a search for personal plans for digital security**
can be Mention the different types of sources that used for Internet research	**Brainstorming**	**General Review on Second Axis**		
– knows a role Search engines and advanced search tools in online search	**Dialogue and discussion**			
– Acquiring the skill of solving some technological problems	**Peer learning**			

Teacher

Guider

School manager

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